| In | idex | of Cl | laims | |
|----|------|-------|-------|--|
| | | | | |

| Application N . | Applicant(s) | |
|-----------------|-------------------|--|
| 10/044,398 | FIRESTONE, ROY J. | |
| Examiner | Art Unit | |
| Davis Hwu | 3752 | |

| , | Rejected | - | (Thro |
|---|----------|---|-------|
| = | Allowed | + | F |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| Z | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | J | | Щ | | | | | | | ┙ | L | ┸ | | | | j | \sqcup 1 | | | | | | لــ | | |
|------------|-----------|-----------------|---------------|--------------------|---------|--|-----------------|----------|-------------|----------|--|----------|-----------------|----------|-----------------|----------|---------------|---|----------|------------|------------|----------|----------|----------------|----------|--------------|----------|--------------|----------|
| Claim. | _ | | | - | | | | 7 | Cia | im | 1 | | | - | ate | | | \neg | | aim | - | | | | ate | | _ | _ | |
| Claim | | | т | Da | T | | П | \dashv | Cle | | \vdash | | \neg | Ť | 1 | Т | Т | 71 | <u>~</u> | | Н | 7 | | Ť | Ï | | | | |
| Final | 4/17/04 | | 1 | | | | 11 | | Te | Orlginal | | | | Į | | 1 | | | <u></u> | Original | | - 1 | | | | | . | | |
| Final | 13 | 1 | 1 | | 1 | | | | Final | Ē | | | ŀ | | - 1 | | ŀ | 11 | Final | 본 | | - 1 | | | - 1 | | | | |
| 1 12 | 2 | | | | | | | | | 0 | | | | - | | | | Ш | L_ | | Ш | | | | | | | | |
| 1 | V | | | | | | | | | 51 | | | | | \Box | \perp | ${\mathbb T}$ | \Box | | 101 | П | \Box | | | _ | | | | |
| | | | | | L | | Ш | ┛ | | 52 | L | Ш | Ц | ┙ | _ | 1 | 1 | \perp | <u> </u> | 102 | Ц | _ | | _ | _ | | _ | | _ |
| 3 | Ш | \Box | _ | 4 | 1 | L | \sqcup | 4 | _ | 53 | ╙ | Ц | \dashv | _ | 4 | 4 | 1 | 4-4 | <u> </u> | 103 | Н | | \dashv | \dashv | \dashv | | \dashv | | - |
| 4 | Ш | \dashv | 4 | 4 | 1 | _ | Н | 4 | \vdash | 54 | | Ш | \dashv | 4 | - | + | + | + | | 104 | Н | | | \dashv | \dashv | - | \dashv | - | - |
| 5 | Щ | \sqcup | 4 | + | ╄ | 1 | \vdash | 4 | <u> </u> | 55 | | Н | -+ | 4 | 4 | + | ╀ | ₩ | | 105 | Н | | | \dashv | \dashv | \dashv | \dashv | \vdash | |
| 6 | Н | \vdash | + | ╫ | ╁ | ╀╌ | \vdash | \dashv | \vdash | 56 57 | ╀┈ | Н | \dashv | ┨ | \dashv | + | + | + | - | 107 | Н | | \dashv | \dashv | \dashv | | \dashv | _ | Г |
| 8 | Н | \dashv | + | ┽ | ┿ | ╁╌ | ┝╼┼╴ | ┨ | | 58 | | Н | \dashv | 一 | \dashv | 十 | ╅ | + | | 108 | H | \dashv | | ⇥ | | | ╛ | | Г |
| 9 | H | \vdash | + | ╈ | ╅ | ╆ | ┢ | \dashv | \vdash | 59 | \vdash | Н | \vdash | ┪ | \dashv | 十 | ╅ | + | - | 109 | Н | ╛ | | \neg | | | \dashv | | Γ |
| 10 | H | \vdash | $^{+}$ | ╅ | + | † | \vdash | 1 | | 60 | | П | \sqcap | ┪ | 一 | \top | + | $\neg \neg$ | | 110 | П | コ | | | | | | | |
| 111 | Η. | \dashv | 十 | \top | \top | 1 | П | 1 | | 61 | | | | ╗ | ⇉ | \perp | I | 口 | | 111 | | | | \Box | | | \Box | | Ĺ |
| 12 | V | | | \perp | I | | | | | 62 | | | \Box | | \Box | T | I | П | | 112 | | \Box | | | _ | | | اـــــا | Ĺ |
| 1 3 | | | \Box | \perp | \perp | | Ш | ╛ | L | 63 | $oxed{oxed}$ | Ш | Ц | _ | _ | \bot | + | + | <u> </u> | 113 | \sqcup | \dashv | _ | | _ | | _ | لـــا | L |
| 14 | | Ш | 4 | | \bot | \vdash | \vdash | 4 | \vdash | 64 | - | Н | \vdash | _ | _} | - - | + | - - | | 114 | \vdash | \dashv | \dashv | - | | - | \dashv | | \vdash |
| 15 | _ | ⊢┼ | + | + | + | ╁ | \vdash | 4 | - | 65 | | Н | \dashv | 4 | | + | + | +- | - | 115 116 | ⊢┤ | | \dashv | \dashv | - | | - | _ | \vdash |
| 16 | | \vdash | + | + | + | +- | $\vdash \vdash$ | - | - | 66 67 | H | Н | - | - | + | + | + | ┯ | - | 117 | \vdash | ᅱ | \dashv | | \dashv | \vdash | \dashv | - | Т |
| 18 | - | \vdash | + | + | ╁ | ╁ | - | \dashv | - | 68 | \vdash | Н | \dashv | \dashv | \dashv | + | ╅ | ++ | - | 118 | \vdash | \dashv | _ | _ | _ | Н | Ħ | | Г |
| 19 | ┢╌ | Н | + | + | ╁╌ | ╁ | \vdash | \dashv | \vdash | 69 | | Н | \sqcap | \dashv | 十 | + | ╅ | $\dashv \dashv$ | | 119 | | \neg | | \neg | | | \neg | | |
| 20 | \vdash | | \dashv | + | T | ╁ | | 7 | | 70 | | П | \sqcap | コ | 7 | 1 | \top | \Box | | 120 | | | | | | | | | |
| 21 | | П | \dashv | \top | T | 1 | | 7 | | 71 | | | П | | | | Ι | \Box | | 121 | | | | | | | | | |
| (M) | 1 | | | | | | |] · | | 72 | | | \square | | | \Box | I | \Box | | 122 | | | | | | | | | <u> </u> |
| 23 | | | | | | | | _ | L | 73 | L | L | Ш | _ | _ | 4 | 4 | 4-1 | - | 123 | Ш | _ | _ | \dashv | | | | | i |
| 24 | Щ | \sqcup | 4 | ᆚ | \perp | 1_ | \sqcup | _ | <u></u> | 74 | L | _ | \sqcup | _ | _ | \perp | + | 4-1 | <u> </u> | 124 | | | _ | \dashv | _ | | H | | - |
| 25 | ₩. | 1 | 4 | - - | _ | ــــــــــــــــــــــــــــــــــــــ | ╟╟ | - | | 75 | ├- | | \vdash | | - | | ┿ | | | 125 | \vdash | | | | | | | ļ | ļ |
| 26 | ₩ | Н | + | + | ┿ | ╀ | ╌┼ | 4 | \vdash | 76 77 | ╀ | \vdash | \vdash | | \dashv | ┿ | + | | \vdash | 127 | \vdash | - | | | - | \vdash | \neg | H | H |
| 27 28 | ₩ | Н | + | + | + | ╆ | ₩ | \dashv | - | 78 | ╁╌ | - | Н | | -+ | + | + | + | \vdash | 128 | Н | \dashv | | \vdash | | | | | Г |
| 29 | H | Н | \dashv | + | ╁ | + | \vdash | - | - | 79 | 1 | Ι. | \vdash † | ᅦ | - | 十 | 1 | $\dashv \dashv$ | | 129 | П | | | \Box | | | | _ | Г |
| 30 | ₽ | Н | \dashv | + | + | \vdash | \vdash | ┨ | | 80 | 1 | Г | П | | | 1 | 1 | \top | | 130 | | | | | | | | | |
| 131 | 7 | П | \dashv | \top | \top | \top | П | 7 | | 81 | | | | | | T | | | | 131 | | | | Ш | | | Ш | _ | L |
| 32 | 0 | | T | \perp | I | Π | \Box | | | 82 | | | | | | ᆚ | ᆚ | Ш | <u> </u> | 132 | Ц | | Ш | Ш | | | Щ | L | _ |
| 33 | \coprod | | \Box | I | | 上 | | | | 83 | \perp | <u> </u> | Ш | _ | _ | _ | 4 | 44 | <u> </u> | 133 | \vdash | Ш | - | Ш | Щ | Н | \vdash | <u> </u> | ⊢ |
| 34 | Ш | Ш | \dashv | | _ | ╄ | \sqcup | _ | <u> </u> | 84 | | - | \vdash | | | + | + | 44 | <u> </u> | 134 | Н | Н | Н | $\vdash\vdash$ | Н | Н | \vdash | - | \vdash |
| 35 | # | Ш | _ | + | +- | ╄ | $\vdash \vdash$ | 4 | <u> </u> | 85 | +- | <u> </u> | $\vdash \vdash$ | | \dashv | + | + | + | \vdash | 135 | Н | Н | Н | \vdash | | \vdash | Н | \vdash | \vdash |
| 36 | ₩ | $\vdash \vdash$ | | + | +- | ╁ | ╁╌╂ | \dashv | \vdash | 86 87 | + | - | \vdash | \dashv | \dashv | + | + | + | | 137 | Н | Н | Н | П | | | \Box | _ | Γ |
| 37 | 6 | \vdash | - | + | ╁ | + | ++ | \dashv | — | 88 | + | \vdash | | \dashv | \dashv | -+ | + | +- | | 138 | \Box | П | П | \sqcap | _ | П | \Box | Г | Г |
| 39 | ₩ | H | \dashv | + | + | † | \sqcap | \dashv | | 89 | 1 | I^- | H | | | | ╁ | | | 139 | | | | | | | | | |
| 40 | Ŏ | Н | 1 | 十 | \top | \top | T^{\dagger} | 7 | | 90 | 1 | | | | | | 1 | | | 140 | | | | | | | | | L |
| 41 | ĭ | П | 1 | カ | | I | \Box | ゴ | | 91 | | | \Box | | | \Box | I | | | 141 | Ш | | | | | | Ш | _ | L |
| 42 | Π | | \Box | $oldsymbol{\perp}$ | Ι | | \Box | | | 92 | oxdot | Ľ | Ц | | | _[| 1 | 44 | <u> </u> | 142 | Н | Н | Н | Щ | | | ш | - | \vdash |
| 43 | | | \bot | \perp | | | $oxed{\Box}$ | _ | <u> </u> | 93 | ــــ | 1_ | Ш | | \sqcup | 4 | 4 | 41 | | 143 | \vdash | | Н | Н | Н | \vdash | \vdash | | \vdash |
| 44 | 1 | Ш | \rightarrow | _ | 1 | + | ₩ | 4 | - | 94 | ╀- | \vdash | $\vdash \vdash$ | - | \vdash | + | + | + | - | 144 | Н | Н | H | \vdash | - | - | \vdash | - | \vdash |
| 45 | جلا | Н | \dashv | 4 | + | +- | ├ -├ | | | 95 | ╀ | ⊢ | $\vdash \vdash$ | - | $\vdash \dashv$ | + | + | | - | 145 | H | Н | Н | Н | - | \vdash | H | \vdash | \vdash |
| 49 | 70 | Н | + | + | + | + | ╁ | \dashv | - | 96 97 | +- | + | Н | - | ŀ | + | + | $\dashv \dashv$ | - | 147 | Н | H | \vdash | | | | Н | - | ŀ. |
| 47 | ╀ | ╌┤ | \dashv | + | + | ╁ | ╁╌┼ | \dashv | \vdash | 98 | ╁╌ | \vdash | \vdash | | \vdash | \dashv | + | - - | | 148 | П | П | Г | М | Н | | | | ٢ |
| 49 | + | \vdash | \dashv | + | + | + | + | \dashv | — | 99 | Ť | 匚 | | | | 二 | 1 | | | 149 | | | | | | | | Ι | Γ |
| 50 | Τ | П | \sqcap | \top | 1 | 1 | | | | 100 | \mathbf{I} | | | | Ш | | _ | لــــــــــــــــــــــــــــــــــــــ | | 150 | l | <u>_</u> | | Щ | <u></u> | L | <u> </u> | <u> </u> | <u></u> |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |